



FLYOVER TECHNOLOGY

HIGH LEVEL DESIGN

Version 1.0

June 27, 2000

First version date: June 22, 2000



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Functional Overview

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Work Process Diagram

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End User Components

1. *General overview*
2. *Operating systems*
3. *Operating hardware*
4. *Software structure design (engineering issues)*
5. *Future use design issues*
6. *Thin client limitations*
7. *First time download & installation*
8. *Automatic version upgrading*
9. *Man machine interface design*



Server Side Components

1. *General overview*
2. *Functional design*
3. *Operating systems*
4. *hardware & software requirements*
5. *Software structure design (engineering issues)*
6. *Future use design issues*
7. *Billing of merchant per usage approach and design*
8. *Merchant's design tool*
 - 8.1. Add new region
 - 8.2. Add new photo
 - 8.3. Link photo and grid/map
 - 8.4. Add 2d links
 - 8.5. Update existing photos
9. *Merchant's usage control tool*
 - 9.1. Calculate monthly dept to flyover inc.
 - 9.2. View the following end user statistics:
 - 9.2.1. Which photo is used and when
 - 9.2.2. Common end user's profile
 - 9.2.3. Which links are most commonly used out
 - 9.2.4. List of end user's complaints and merchant's response to them
 - 9.2.5. High, low and average photo downloading response time.
10. *Photo's streaming server*
 - 10.1. Average load requirements
 - 10.2. Peak hours load issue
 - 10.3. Synchronize with Flyover inc. (for version upgrades and billing data)

Web interface

1. *Company's web site*
2. *Software downloading area*
3. *Online system demo for new merchants*

General Issue

1. *Security (firewall, hacking, privacy)*
2. *Analytical tools for web activities*
3. *Users' password regulation*
4. *Quality Assurance*
5. *Documentation (functional, User's guide, troubleshooting)*
6. *Production server issues (24*7, online support, software upgrades methods)*



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